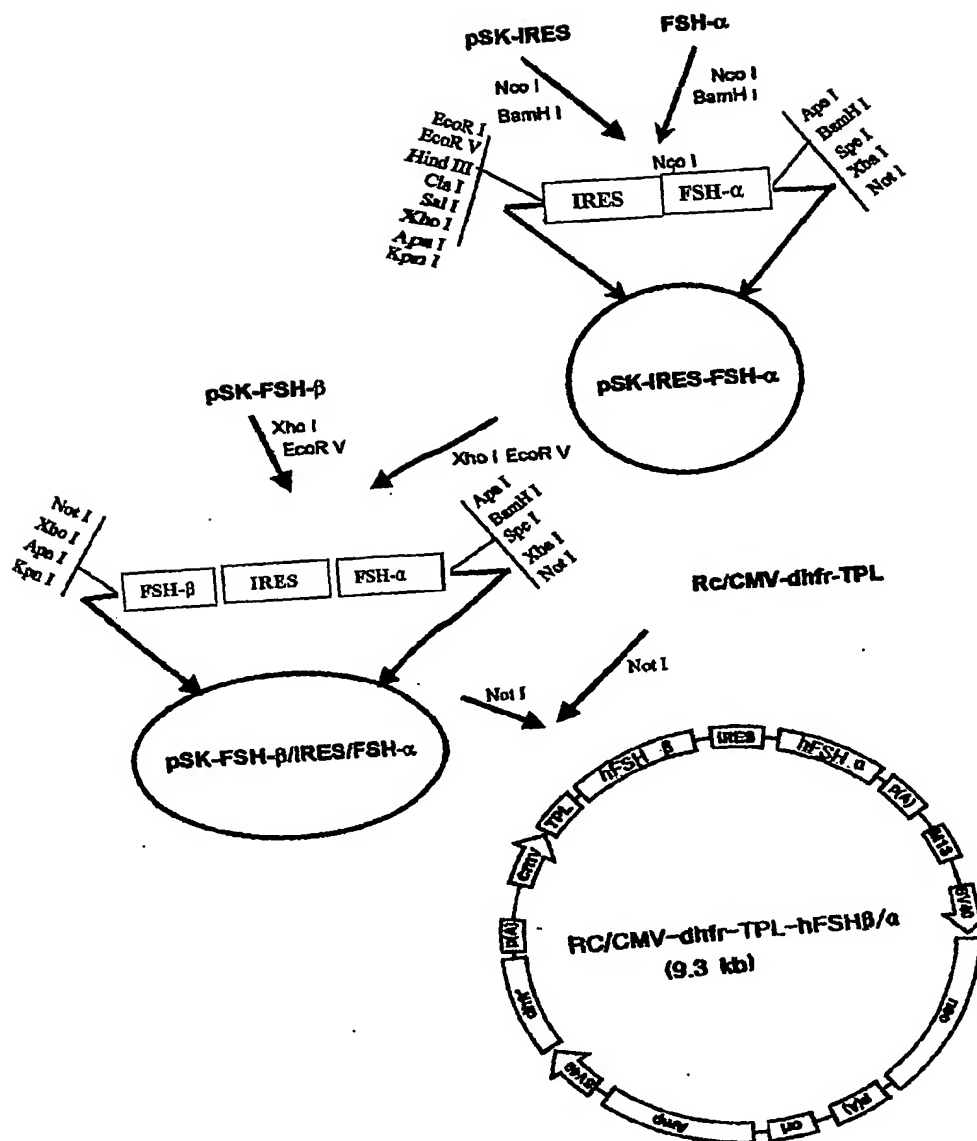


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Wild type DNA sequence	ATG GAT TAC TAC AGA AAA TAT GCA GCT ATC TTT CTG GTC ACA TTG
Amplified DNA sequence	---
Amino acid sequence	Met Asp Tyr Tyr Arg Lys Tyr Ala Ala Ile Phe Leu Val Thr Leu
	TCG GTC TTT CTG CAT GTT CTC CAT TCC GCT CCT GAT GTG CAG GAT
	---
	Ser Val Phe Leu His Val Leu His Ser Ala Pro Asp Val Gln Asp
	TGC CCA GAA TGC ACG CTA CAG GAA AAC CCA TTC TTC TCC CAG CCG
	---
	Cys Pro Glu Cys Thr Leu Gln Glu Asn Pro Phe Phe Ser Gln Pro
	GGT GCC CCA ATA CTT CAG TGC ATG GGC TGC TGC TTC TCT AGA GCA
	---
FSH $\alpha$ subunit	Gly Ala Pro Ile Leu Gln Cys Met Gly Cys Cys Phe Ser Arg Ala
	TAT CCC ACT CCA CTA AGG TCC AAG AAG ACG ATG TTG GTC CAA AAG
	---
	Tyr Pro Thr Pro Leu Arg Ser Lys Lys Thr Met Leu Val Gln Lys
	AAC GTC ACC TCA GAG TCG ACT TGC TGT GTA GCT AAA TCA TAT AAC
	---
	Asn Val Thr Ser Glu Ser Thr Cys Cys Val Ala Lys Ser Tyr Asn
	AGG GTC ACA GTA ATG GGG GGT TTC AAA GTG GAG AAC CAC ACG GCG
	---
	Arg Val Thr Val Met Gly Gly Phe Lys Val Glu Asn His Thr Ala
	TGC CAC TGC AGT ACT TGT TAT TAT CAC AAA TCT TAA
	---
	Cys His Cys Ser Thr Cys Tyr Tyr His Lys Ser termination

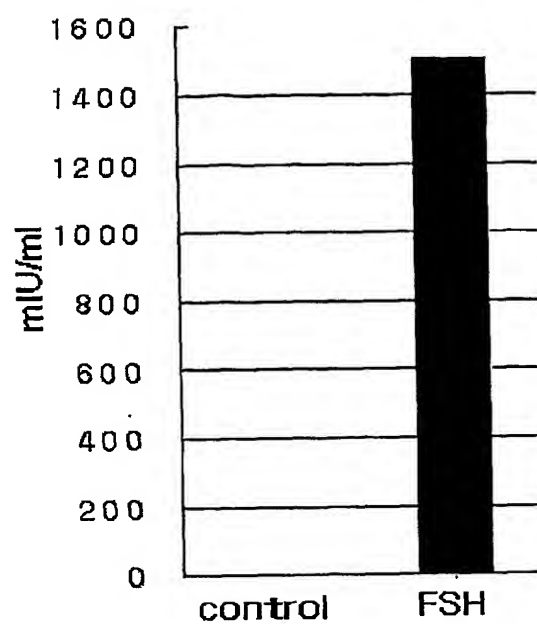
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Wild type DNA sequence	ATG	AAG	ACA	CTC	CAG	TTT	TTC	TTC	CTT	TTC	TGT	TGC	TGG	AAA	GCA
Amplified DNA sequence	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Amino acid sequence	Met	Lys	Thr	Leu	Gln	Phe	Phe	Phe	Leu	Phe	Cys	Cys	Trp	Lys	Ala
	ATC	TGC	TGC	AAT	AGC	TGT	GAG	CTG	ACC	AAC	ATC	ACC	ATT	GCA	ATA
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Ile	Cys	Cys	Asn	Ser	Cys	Glu	Leu	Thr	Asn	Ile	Thr	Ile	Ala	Ile
	GAG	AAA	GAA	GAA	TGT	CGT	TTC	TGC	ATA	AGC	ATC	AAC	ACC	ACT	TGG
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Glu	Lys	Glu	Glu	Cys	Arg	Phe	Cys	Ile	Ser	Ile	Asn	Thr	Thr	Trp
	TGT	GCT	GGC	TAC	TGC	TAC	ACC	AGG	GAT	CTG	GTG	TAT	AAG	GAC	CCA
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Cys	Ala	Gly	Tyr	Cys	Tyr	Thr	Arg	Asp	Leu	Val	Tyr	Lys	Asp	Pro
FSH $\beta$ subunit	GCC	AGG	CCC	AAA	ATC	CAG	AAA	ACA	TGT	ACC	TTC	AAG	GAA	CTG	GTA
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Ala	Arg	Pro	Lys	Ile	Gln	Lys	Thr	Cys	Thr	Phe	Lys	Glu	Leu	Val
	TAT	GAA	ACA	GTG	AGA	GTG	CCC	GGC	TGT	GCT	CAC	CAT	GCA	GAT	TCC
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Tyr	Glu	Thr	Val	Arg	Val	Pro	Gly	Cys	Ala	His	His	Ala	Asp	Ser
	TTG	TAT	ACA	TAC	CCA	GTG	GCC	ACC	CAG	GTG	CAC	TGT	GGC	AAG	TGT
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Leu	Tyr	Thr	Tyr	Pro	Val	Ala	Thr	Gln	Val	His	Cys	Gly	Lys	Cys
	GAC	AGC	GAC	AGC	ACT	GAT	TGT	ACT	GTG	CGA	GGC	CTG	GGG	CCC	AGC
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Asp	Ser	Asp	Ser	Thr	Asp	Cys	Thr	Val	Arg	Gly	Leu	Gly	Pro	Ser
	TAC	TGC	TCC	TTT	GGT	GAA	ATG	AAA	GAA	TAA					
	---	---	---	---	---	---	---	---	---	---					
	Tyr	Cys	Ser	Phe	Gly	Glu	Met	Lys	Glu	termination					

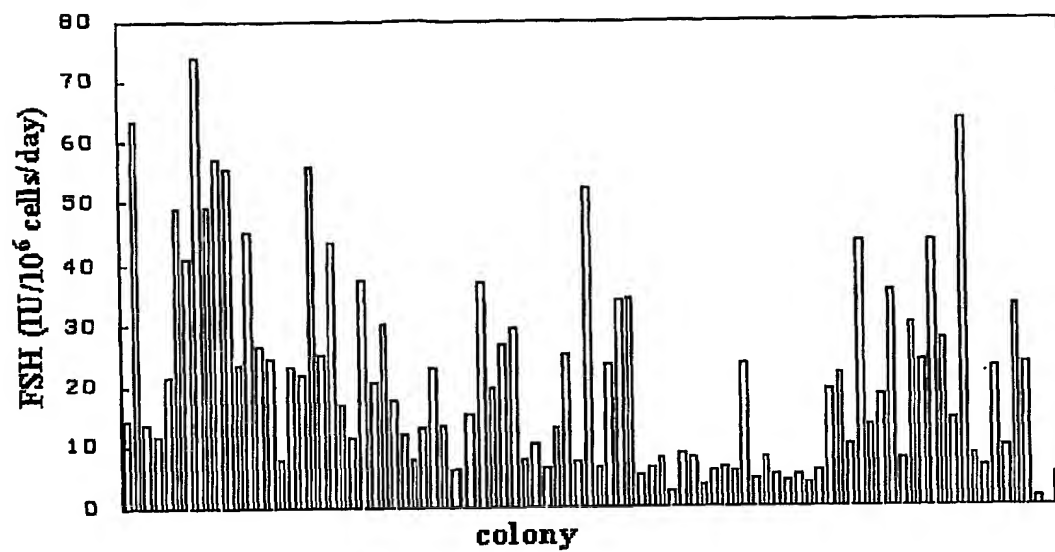
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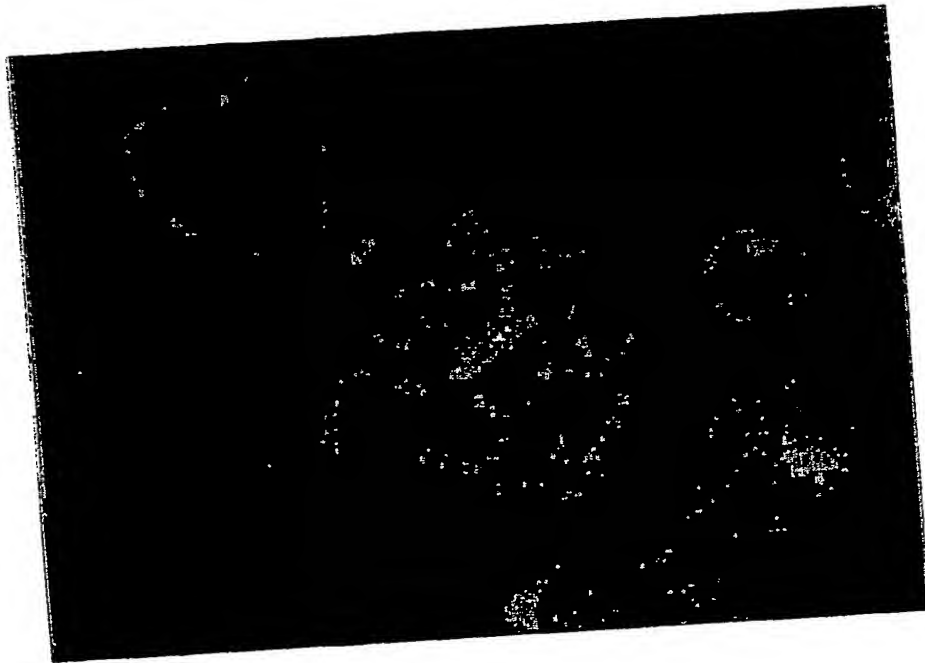
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